

## CLAIMS

1. An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device  
5 delivers to the terminal device via the buffer device an information that is temporally continuous and includes a plurality of unit information, wherein the buffer device includes,

a receiving unit which receives unit information from  
10 the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

an additional information storage unit for storing  
15 additional information that is to be added to the unit information;

a transmission information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as  
20 unit attribute information that relates to time spans and attributes of the unit information received by the receiving unit, creates transmission information that instructs that the additional information stored in the additional information storage unit is to be added to the unit  
25 information received by the receiving unit and then

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transmitted; and

a transmitting unit that, based on the transmission information created by the transmission information creation unit, adds additional information stored in the additional information storage unit to the unit information received by the receiving unit and transmits the unit information to which the additional information has been added to the terminal device.

10 2. An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device an information that is temporally continuous and includes a plurality of unit information, wherein the buffer device includes,

a receiving unit which receives unit information from the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

an additional information storage unit for storing additional information that is to be added to the unit information;

25 a transmission information creation unit that, based

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on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information received by the receiving unit, creates transmission information that instructs that the additional information stored in the additional information storage unit is to be added to the unit information received by the receiving unit and then transmitted; and

10 a transmitting unit that transmits the transmission information created by the transmission information creation unit to the terminal device and, in accordance with a transmission request from the terminal device that is based on the transmission information, adds additional information stored in the additional information storage unit to the unit information received by the receiving unit and transmits the unit information to which the additional information has been added to the terminal device.

20 3. An information delivery system comprising:

a server device connected to at least one terminal device via a plurality of buffer devices, wherein the server device delivers to the terminal device via the buffer devices an information that is temporally continuous and includes a plurality of unit information, wherein a buffer device

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that transmits the unit information to an another buffer device includes,

a receiving unit which receives unit information from the server device;

5 a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

an additional information storage unit for storing additional information that is to be added to the unit  
10 information;

a transmission information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and  
15 attributes of the unit information received by the receiving unit, creates transmission information that instructs that the additional information stored in the additional information storage unit is to be added to the unit information received by the receiving unit and then  
20 transmitted;

an information-unit transmitting unit that, based on the transmission information created by the transmission information creation unit, adds additional information stored in the additional information storage unit to the  
25 unit information received by the receiving unit and transmits

10018968-122601

the unit information to which the additional information has been added to the another buffer device;

a new-unit attribute information creation unit which creates new unit attribute information that corresponds to  
 5 unit information transmitted by the transmitting unit; and

a new-unit attribute information transmitting unit which transmits the new unit attribute information created by the new-unit attribute information creation unit to the another buffer device.

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4. An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device an  
 15 information that is temporally continuous and includes a plurality of unit information, wherein the buffer device includes,

a receiving unit which receives unit information from the server device;

20 a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

a link information storage unit which stores link information used for forming a link to the additional  
 25 information that is to be added to the unit information;

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a transmission information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information received by the receiving unit, creates transmission information that instructs that the link information stored in the link information storage unit is to be added to the unit information received by the receiving unit and then transmitted; and

10 a transmitting unit that, based on the transmission information created by the transmission information creation unit, adds the link information stored in the link information storage unit to the unit information received by the receiving unit and transmits the unit information to which the link information has been added to the terminal device.

5. An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device an information that is temporally continuous and includes a plurality of unit information, wherein the buffer device includes,

25 a receiving unit which receives unit information from

the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

5 a link information storage unit which stores link information used for forming a link to the additional information that is to be added to unit information;

10 a transmission information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information received by the receiving unit, creates transmission information that instructs that the link information stored in the link information storage  
15 unit is to be added to the unit information received by the receiving unit and then transmitted; and

a transmitting unit that transmits the transmission information created by the transmission information creation unit to the terminal device and, in accordance with  
20 a transmission request from the terminal device that is based on the transmission information, adds the link information stored in the link information storage unit to the unit information received by the receiving unit and transmits the unit information to which the link information has been  
25 added to the terminal device.

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6. An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device an information that is temporally continuous and includes a plurality of unit information, wherein a buffer device that transmits the unit information to an another buffer device includes,

10 a receiving unit which receives unit information from the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

15 a link information storage unit which stores link information to additional information that is to be added to the unit information;

a transmission information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information received by the receiving unit, creates transmission information that instructs that the link information stored in the link information storage unit is to be added to the unit information received by the

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receiving unit and then transmitted;

an information-unit transmitting unit that, based on the transmission information created by the transmission information creation unit, adds the link information stored  
 5 in the link information storage unit to the unit information received by the receiving unit and transmits the unit information to which the link information has been added to the another buffer device;

a new-unit attribute information creation unit which  
 10 creates new unit attribute information that corresponds to unit information transmitted by the transmitting unit; and

a new-unit attribute information transmitting unit which transmits the new unit attribute information created by the new-unit attribute information creation unit to the  
 15 another buffer device.

7. An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device  
 20 delivers to the terminal device via the buffer device an information that is temporally continuous and includes a plurality of unit information, wherein the buffer device includes,

a receiving unit which receives unit information from  
 25 the server device;

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a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

a priority degree information creation unit that,  
5 based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information received by the receiving unit, creates information about a degree of priority of the  
10 information unit received by the receiving unit;

a transmission information creation unit that, based on the priority degree information created by the priority degree creation unit, creates transmission information that instructs that only the unit information whose degree of  
15 priority meets predetermined conditions is to be transmitted; and

a transmitting unit that, based on the transmission information created by the transmission information creation unit, transmits only the unit information whose  
20 degree of priority meets the predetermined conditions.

8. An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device  
25 delivers to the terminal device via the buffer device an

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information that is temporally continuous and includes a plurality of unit information, wherein the buffer device includes,

5 a receiving unit which receives unit information from the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

10 a priority degree information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information received by the receiving unit, creates information about a degree of priority of the  
15 information unit received by the receiving unit;

a transmission information creation unit that, based on the priority degree information created by the priority degree creation unit, creates transmission information showing a sequence for transmitting unit information  
20 received by the receiving unit; and

a transmitting unit that arranges and transmits unit information in a sequence that is based on the transmission information created by the transmission information creation unit.

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9. An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device an  
5 information that is temporally continuous and includes a plurality of unit information, wherein the buffer device includes,

a receiving unit which receives unit information from the server device;

10 a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

a priority degree information creation unit that, based on the delivery destination information stored in the  
15 delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information received by the receiving unit, creates information about a degree of priority of the information unit received by the receiving unit;

20 a transmission information creation unit that, based on the priority degree information created by the priority degree creation unit, creates transmission information that instructs that only the unit information whose degree of priority meets predetermined conditions is to be  
25 transmitted; and

10013965-122601

a transmitting unit that transmits the transmission information created by the transmission information creation unit to the terminal device and, in accordance with a transmission request from the terminal device that is based  
5 on the transmission information, wherein the transmitting unit transmits only the unit information whose degree of priority meets the predetermined conditions.

10. An information delivery system comprising:

10 a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device an information that is temporally continuous and includes a plurality of unit information, wherein the buffer device  
15 includes,

a receiving unit which receives unit information from the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a  
20 destination of a delivery of each delivery destination;

a priority degree information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and  
25 attributes of the unit information received by the receiving

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unit, creates information about a degree of priority of the information unit received by the receiving unit;

a transmission information creation unit that, based on the priority degree information created by the priority degree creation unit, creates transmission information showing a sequence for transmitting unit information received by the receiving unit; and

a transmitting unit that transmits the transmission information created by the transmission information creation unit to the terminal device and that arranges and transmits the unit information in a sequence that is in accordance with a transmission request from the terminal device that is based on the transmission information.

11. A method of delivering information that is temporally continuous and includes a plurality of unit information, the method comprising:

a receiving step of receiving unit information;

a delivery destination information storage step of storing delivery destination information that relates to a destination of a delivery of each delivery destination;

an additional information storage step of storing additional information that is to be added to the unit information;

a transmission information creation step of, based

10018958-122501

on the delivery destination information stored in the delivery destination information storage step as well as unit attribute information that relates to time spans and attributes of unit information received in the receiving

5 step, creating transmission information that instructs that the additional information stored in the additional information storage step be added to the unit information received in the receiving step and then transmitted; and

a transmitting step of, based on the transmission

10 information created in the transmission information creation step, adding the additional information stored in the additional information storage step to the unit information received in the receiving step and transmitting the unit information to which the additional information

15 has been added.

12. A method of delivering information that is temporally continuous and includes a plurality of unit information, the method comprising:

- 20 a receiving step of receiving unit information;
- a delivery destination information storage step of storing delivery destination information that relates to a destination of a delivery of each delivery destination;
- an additional information storage step of storing
- 25 additional information that is to be added to the unit

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information;

5 a transmission information creation step of, based  
on the delivery destination information stored in the  
delivery destination information storage step as well as  
unit attribute information that relates to time spans and  
attributes of unit information received in the receiving  
step, creating transmission information that instructs that  
the additional information stored in the additional  
information storage step be added to the unit information  
10 received in the receiving step and then transmitted; and

a transmitting step of transmitting transmission  
information created in the transmission information  
creation step to the delivery destination and, in accordance  
with a transmission request from the delivery destination  
15 that is based on the transmission information, adding the  
additional information stored in the additional information  
storage step to the unit information received in the  
receiving step and transmitting the unit information to which  
the additional information has been added.

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13. A method of delivering information that is temporally  
continuous and includes a plurality of unit information,  
the method comprising:

a receiving step of receiving unit information;  
25 a delivery destination information storage step of

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storing delivery destination information that relates to  
a destination of a delivery of each delivery destination;

an additional information storage step of storing  
additional information that is to be added to the unit  
5 information;

a transmission information creation step of, based  
on the delivery destination information stored in the  
delivery destination information storage step as well as  
unit attribute information that relates to time spans and  
10 attributes of unit information received in the receiving  
step, creating transmission information that instructs that  
the additional information stored in the additional  
information storage step be added to the unit information  
received in the receiving step and then transmitted;

15 an information unit transmitting step of, based on  
the transmission information created in the transmission  
information creation step, adding the additional  
information stored in the additional information storage  
step to the unit information received in the receiving step  
20 and transmitting the unit information to which the additional  
information has been added;

a new-unit attribute information creation step of  
creating new unit attribute information that corresponds  
to the unit information transmitted in the transmitting step;  
25 and

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a new-unit attribute information transmitting step of transmitting the new unit attribute information created in the new-unit attribute information creation step.

- 5 14. A method of delivering information that is temporally continuous and includes a plurality of unit information, the method comprising:

a receiving step of receiving unit information;

- 10 a delivery destination information storage step of storing delivery destination information that relates to a destination of a delivery of each delivery destination;

a link information storage step of storing link information used for forming a link to the additional information that is to be added to the unit information;

- 15 a transmission information creation step of, based on the delivery destination information stored in the delivery destination information storage step as well as unit attribute information that relates to time spans and attributes of unit information received in the receiving step, creating transmission information that instructs that the link information stored in the link information storage step is to be added to the unit information received in the receiving step and then transmitted; and

- 20 a transmitting step of, based on the transmission information created in the transmission information

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creation step, adding the link information stored in the link information storage step to the unit information received in the receiving step and transmitting the unit information to which the link information has been added.

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15. A method of delivering information that is temporally continuous and includes a plurality of unit information, the method comprising:

a receiving step of receiving unit information;

10 a delivery destination information storage step of storing delivery destination information that relates to a destination of a delivery of each delivery destination;

a link information storage step of storing link information used for forming a link to the additional  
15 information that is to be added to unit information;

a transmission information creation step of, based on the delivery destination information stored in the delivery destination information storage step as well as unit attribute information that relates to time spans and  
20 attributes of unit information received in the receiving step, creating transmission information that instructs that the link information stored in the link information storage step is to be added to the unit information received in the receiving step and then transmitted; and

25 a transmitting step of transmitting the transmission

10013968-122501

information created in the transmission information creation step to a delivery destination and, in accordance with a transmission request from the delivery destination that is based on the transmission information, adding the link information stored in the link information storage step to the unit information received in the receiving step and transmitting the unit information to which the link information has been added.

10 16. A method of delivering information that is temporally continuous and includes a plurality of unit information, the method comprising:

a receiving step of receiving unit information;

15 a delivery destination information storage step of storing delivery destination information that relates to a destination of a delivery of each delivery destination;

a link information storage step of storing link information to additional information that is to be added to the unit information;

20 a transmission information creation step of, based on the delivery destination information stored in the delivery destination information storage step as well as unit attribute information that relates to time spans and attributes of unit information received in the receiving step, creating transmission information that instructs that

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the link information stored in the link information storage step is to be added to the unit information received in the receiving step and then transmitted;

an information unit transmitting step of, based on  
 5 the transmission information created in the transmission information creation step, adding the link information stored in the link information storage step to the unit information received in the receiving step and transmitting the unit information to which the link information has been  
 10 added;

a new-unit attribute information creation step of creating new unit attribute information that corresponds to the unit information transmitted in the transmitting step;  
 and

15 a new-unit attribute information transmitting step of transmitting the new unit attribute information created in the new-unit attribute information creation step.

17. A method of delivering information that is temporally  
 20 continuous and includes a plurality of unit information, the method comprising:

a receiving step of receiving unit information;

a delivery destination information storage step of storing delivery destination information that relates to  
 25 a destination of a delivery of each delivery destination;

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a priority degree information creation step of, based on the delivery destination information stored in the delivery destination information storage step as well as unit attribute information that relates to time spans and  
 5 attributes of unit information received in the receiving step, creating information about a degree of priority of the information unit received in the receiving step;

a transmission information creation step of, based on priority degree information created in the priority degree  
 10 creation step, creating transmission information that instructs that only the unit information whose degree of priority meets predetermined conditions is to be transmitted; and

a transmitting step of, based on the transmission  
 15 information created in the transmission information creation step, transmitting only the unit information whose degree of priority meets the predetermined conditions.

18. A method of delivering information that is temporally  
 20 continuous and includes a plurality of unit information, the method comprising:

a receiving step of receiving unit information;

a delivery destination information storage step of storing delivery destination information that relates to  
 25 a destination of a delivery of each delivery destination;

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a priority degree information creation step of, based on the delivery destination information stored in the delivery destination information storage step as well as unit attribute information that relates to time spans and  
 5 attributes of unit information received in the receiving step, creating information about a degree of priority of the information unit received in the receiving step;

a transmission information creation step of, based on priority degree information created in the priority degree  
 10 creation step, creating transmission information showing a sequence for transmitting the unit information received in the receiving step; and

a transmitting step that arranges and transmits unit information in a sequence that is based on the transmission  
 15 information created in the transmission information creation step.

19. A method of delivering information that is temporally continuous and includes a plurality of unit information,  
 20 the method comprising:

a receiving step of receiving unit information;

a delivery destination information storage step of storing delivery destination information that relates to a destination of a delivery of each delivery destination;

25 a priority degree information creation step of, based

100-10000-122501

on the delivery destination information stored in the delivery destination information storage step as well as unit attribute information that relates to time spans and attributes of unit information received in the receiving  
 5 step, creating information about a degree of priority of the information unit received in the receiving step;

a transmission information creation step of, based on priority degree information created in the priority degree creation step, creating transmission information that  
 10 instructs that only the unit information whose degree of priority meets predetermined conditions is to be transmitted; and

a transmitting step of transmitting the transmission information created in the transmission information  
 15 creation step to a delivery destination and, in accordance with a transmission request from the delivery destination that is based on the transmission information, transmitting only the unit information whose degree of priority meets the predetermined conditions.

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20. A method of delivering information that is temporally continuous and includes a plurality of unit information, the method comprising:

a receiving step of receiving unit information;  
 25 a delivery destination information storage step of

10018968-122504



storing delivery destination information that relates to a destination of a delivery of each delivery destination;

5 a priority degree information creation step of, based on the delivery destination information stored in the delivery destination information storage step as well as unit attribute information that relates to time spans and attributes of unit information received in the receiving step, creating information about a degree of priority of the information unit received in the receiving step;

10 a transmission information creation step of, based on priority degree information created in the priority degree creation step, creating transmission information showing a sequence for transmitting the unit information received in the receiving step; and

15 a transmitting step of transmitting the transmission information created in the transmission information creation step to the delivery destination and arranging and transmitting the unit information in a sequence that is in accordance with a transmission request from the delivery destination that is based on the transmission information.

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21. A computer program containing instructions which when executed on a computer causes the computer to realize a method of delivering information that is temporally continuous and includes a plurality of unit information, the method

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comprising:

- a receiving process of receiving unit information;
- a delivery destination information storage process  
of storing delivery destination information that relates  
5 to a destination of a delivery of each delivery destination;
- an additional information storage process of storing  
additional information that is to be added to the unit  
information;
- a transmission information creation process of, based  
10 on the delivery destination information stored in the  
delivery destination information storage process as well  
as unit attribute information that relates to time spans  
and attributes of unit information received in the receiving  
process, creating transmission information that instructs  
15 that the additional information stored in the additional  
information storage process is to be added to the unit  
information received in the receiving process and then  
transmitted; and
- a transmitting process of, based on the transmission  
20 information created in the transmission information  
creation process, adding additional information stored in  
the additional information storage process to the unit  
information received in the receiving process and  
transmitting the unit information to which the additional  
25 information has been added.

10018966-122601

22. A computer program containing instructions which when  
executed on a computer causes the computer to realize a method  
of delivering information that is temporally continuous and  
5 includes a plurality of unit information, the method  
comprising:

a receiving process of receiving unit information;

a delivery destination information storage process  
of storing delivery destination information that relates  
10 to a destination of a delivery of each delivery destination;

an additional information storage process of storing  
additional information that is to be added to the unit  
information;

a transmission information creation process of, based  
15 on the delivery destination information stored in the  
delivery destination information storage process as well  
as unit attribute information that relates to time spans  
and attributes of unit information received in the receiving  
process, creating transmission information that instructs  
20 that the additional information stored in the additional  
information storage process is to be added to the unit  
information received in the receiving process and then  
transmitted; and

a transmitting process of transmitting the  
25 transmission information created in the transmission

10018958-122601

information creation process to the delivery destination and, in accordance with a transmission request from the delivery destination that is based on the transmission information, adding the additional information stored in the additional information storage process to the unit information received in the receiving process and transmitting the unit information to which the additional information has been added.

23. A computer program containing instructions which when executed on a computer causes the computer to realize a method of delivering information that is temporally continuous and includes a plurality of unit information, the method comprising:

a receiving process of receiving unit information;  
 a delivery destination information storage process of storing delivery destination information that relates to a destination of a delivery of each delivery destination;  
 an additional information storage process of storing additional information that is to be added to the unit information;

a transmission information creation process of, based on the delivery destination information stored in the delivery destination information storage process as well as unit attribute information that relates to time spans

10018555-122601

and attributes of unit information received in the receiving process, creating transmission information that instructs that the additional information stored in the additional information storage process is to be added to the unit  
5 information received in the receiving process and then transmitted;

an information unit transmitting process of, based on the transmission information created in the transmission information creation process, adding additional  
10 information stored in the additional information storage process to the unit information received in the receiving process and transmitting the unit information to which the additional information has been added;

a new-unit attribute information creation process of  
15 creating new unit attribute information that corresponds to the unit information transmitted in the transmitting process; and

a new-unit attribute information transmitting process of transmitting the new unit attribute information created  
20 in the new-unit attribute information creation process.

24. A computer program containing instructions which when executed on a computer causes the computer to realize a method of delivering information that is temporally continuous and  
25 includes a plurality of unit information, the method

10018968-122601

comprising:

- a receiving process of receiving unit information;
- a delivery destination information storage process  
of storing delivery destination information that relates  
5 to a destination of a delivery of each delivery destination;
- a link information storage process of storing link  
information used for forming a link to the additional  
information that is to be added to the unit information;
- a transmission information creation process of, based  
10 on the delivery destination information stored in the  
delivery destination information storage process as well  
as unit attribute information that relates to time spans  
and attributes of unit information received in the receiving  
process, creating transmission information that instructs  
15 that the link information stored in the link information  
storage process is to be added to the unit information  
received in the receiving process and then transmitted; and
- a transmitting process of, based on the transmission  
information created in the transmission information  
20 creation process, adding the link information stored in the  
link information storage process to the unit information  
received in the receiving process and transmits the unit  
information to which the link information has been added.

25 25. A computer program containing instructions which when

10018953-122601

executed on a computer causes the computer to realize a method of delivering information that is temporally continuous and includes a plurality of unit information, the method comprising:

- 5           a receiving process of receiving unit information;
- a delivery destination information storage process of storing delivery destination information that relates to a destination of a delivery of each delivery destination;
- a link information storage process of storing link
- 10   information used for forming a link to the additional information that is to be added to unit information;
- a transmission information creation process of, based on the delivery destination information stored in the delivery destination information storage process as well
- 15   as unit attribute information that relates to time spans and attributes of unit information received in the receiving process, creating transmission information that instructs that the link information stored in the link information storage process is to be added to the unit information
- 20   received in the receiving process and then transmitted; and
- a transmitting process of transmitting the transmission information created in the transmission information creation process to a delivery destination and, in accordance with a transmission request from the delivery
- 25   destination that is based on the transmission information,

10016968-122601

adding the link information stored in the link information storage process to the unit information received in the receiving process and transmits the unit information to which the link information has been added.

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26. A computer program containing instructions which when executed on a computer causes the computer to realize a method of delivering information that is temporally continuous and includes a plurality of unit information, the method comprising:

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a receiving process of receiving unit information;

a delivery destination information storage process of storing delivery destination information that relates to a destination of a delivery of each delivery destination;

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a link information storage process of storing link information to additional information that is to be added to the unit information;

a transmission information creation process of, based on the delivery destination information stored in the delivery destination information storage process as well as unit attribute information that relates to time spans and attributes of unit information received in the receiving process, creating transmission information that instructs that the link information stored in the link information storage process is to be added to the unit information

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received in the receiving process and then transmitted;

an information unit transmitting process of, based  
on the transmission information created in the transmission  
information creation process, adding the link information  
5 stored in the link information storage process to the unit  
information received in the receiving process and  
transmitting the unit information to which the link  
information has been added;

a new-unit attribute information creation process of  
10 creating new unit attribute information that corresponds  
to the unit information transmitted in the transmitting  
process; and

a new-unit attribute information transmitting process  
of transmitting the new unit attribute information created  
15 in the new-unit attribute information creation process.

27. A computer program containing instructions which when  
executed on a computer causes the computer to realize a method  
of delivering information that is temporally continuous and  
20 includes a plurality of unit information, the method  
comprising:

a receiving process of receiving unit information;  
a delivery destination information storage process  
of storing delivery destination information that relates  
25 to a destination of a delivery of each delivery destination;

10018955-122504

a priority degree information creation process that,  
 based on the delivery destination information stored in the  
 delivery destination information storage process as well  
 as unit attribute information that relates to time spans  
 5 and attributes of unit information received in the receiving  
 process, creates information about a degree of priority of  
 the information unit received in the receiving process;

a transmission information creation process of, based  
 on priority degree information created in the priority degree  
 10 creation process, creating transmission information that  
 instructs that only the unit information whose degree of  
 priority meets predetermined conditions is to be  
 transmitted; and

a transmitting process of, based on the transmission  
 15 information created in the transmission information  
 creation process, transmitting only the unit information  
 whose degree of priority meets the predetermined conditions.

28. A computer program containing instructions which when  
 20 executed on a computer causes the computer to realize a method  
 of delivering information that is temporally continuous and  
 includes a plurality of unit information, the method  
 comprising:

a receiving process of receiving unit information;  
 25 a delivery destination information storage process

10018968-122601

of storing delivery destination information that relates to a destination of a delivery of each delivery destination;

5 a priority degree information creation process of, based on the delivery destination information stored in the delivery destination information storage process as well as unit attribute information that relates to time spans and attributes of unit information received in the receiving process, creating information about a degree of priority of the information unit received in the receiving process;

10 a transmission information creation process of, based on priority degree information created in the priority degree creation process, creating transmission information showing a sequence for transmitting the unit information received in the receiving process; and

15 a transmitting process of arranging and transmitting the unit information in a sequence that is based on the transmission information created in the transmission information creation process.

20 29. A computer program containing instructions which when executed on a computer causes the computer to realize a method of delivering information that is temporally continuous and includes a plurality of unit information, the method comprising:

25 a receiving process of receiving unit information;

10018968-122601

a delivery destination information storage process of storing delivery destination information that relates to a destination of a delivery of each delivery destination;

a priority degree information creation process of,  
 5 based on the delivery destination information stored in the delivery destination information storage process as well as unit attribute information that relates to time spans and attributes of unit information received in the receiving process, creating information about a degree of priority  
 10 of the information unit received in the receiving process;

a transmission information creation process of, based on priority degree information created in the priority degree creation process, creating transmission information that instructs that only the unit information whose degree of  
 15 priority meets predetermined conditions is to be transmitted; and

a transmitting process of transmitting the transmission information created in the transmission information creation process to a delivery destination and,  
 20 in accordance with a transmission request from the delivery destination that is based on the transmission information, transmitting only the unit information whose degree of priority meets the predetermined conditions.

25 30. A computer program containing instructions which when

10018968-122601

executed on a computer causes the computer to realize a method of delivering information that is temporally continuous and includes a plurality of unit information, the method comprising:

- 5           a receiving process of receiving unit information;
- a delivery destination information storage process of storing delivery destination information that relates to a destination of a delivery of each delivery destination;
- a priority degree information creation process of,
- 10   based on the delivery destination information stored in the delivery destination information storage process as well as unit attribute information that relates to time spans and attributes of unit information received in the receiving process, creating information about a degree of priority
- 15   of the information unit received in the receiving process;
- a transmission information creation process of, based on priority degree information created in the priority degree creation process, creating transmission information showing a sequence for transmitting the unit information
- 20   received in the receiving process; and
- a transmitting process of transmitting the transmission information created in the transmission information creation process to the delivery destination and arranging and transmitting the unit information in a
- 25   sequence that is in accordance with a transmission request

10018968-122601

from the delivery destination that is based on the  
transmission information.

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